a Network; Inventors: Trisno Tjandra et al.; Docket No.: 20852-05137 Sheet 1 of 15

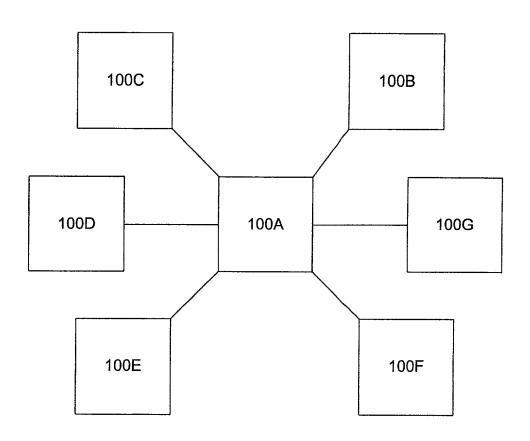


FIG. 1A

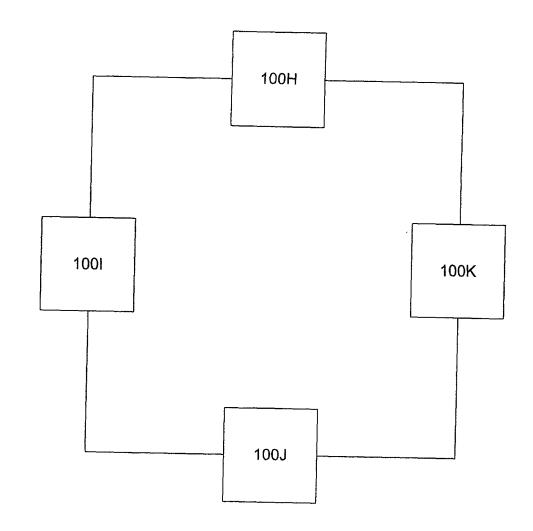


FIG. 1B

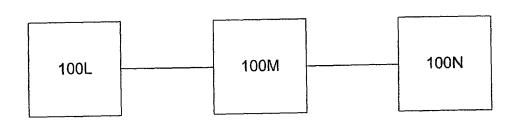


FIG. 1C

1000 100P 100S

FIG. 1D

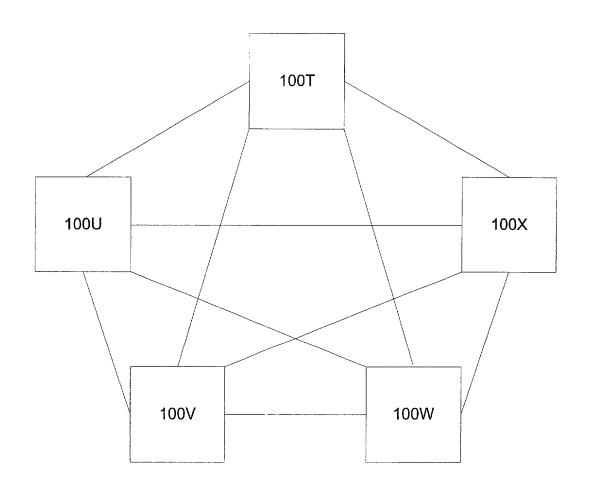


FIG. 1E

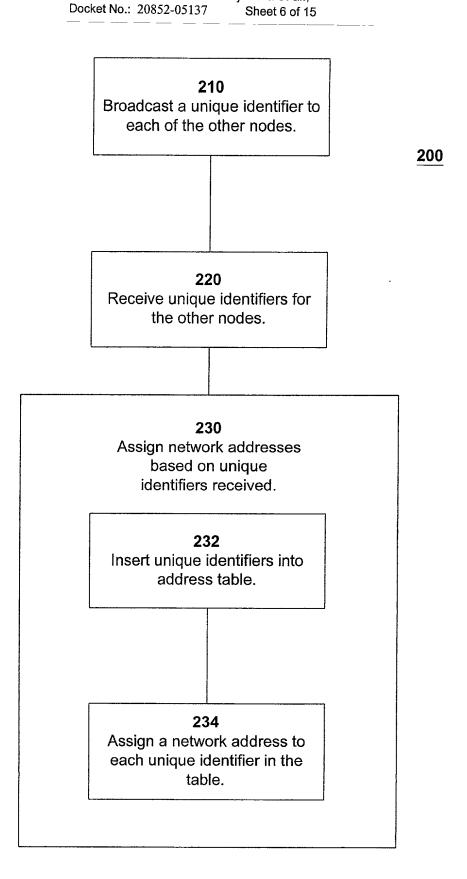


FIG. 2

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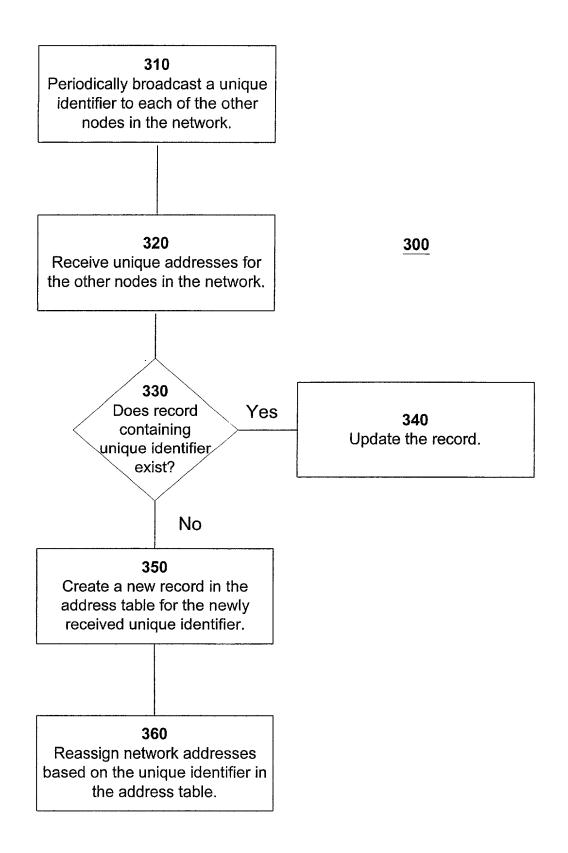


FIG. 3

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410	<del>4</del> 20	<i>4</i> 30
Node	Unique Identifier (MAC Address)	Network Address (IP Address)
100H 100I 100J 100K	10.10.2 10.10.3 10.11.7 10.10.9	127.0.0.0 127.0.0.1 127.0.0.3 127.0.0.2

FIG. 4A

410	420	430	440	450	
Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired	<u>415</u>
100H 100I 100J 100K	10.10.2 10.10.3 10.11.7 10.10.9	127.0.0.0 127.0.0.1 127.0.0.3 127.0.0.2	15 0 15 10.5	0 1 0 0	

FIG. 4B

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<i>4</i> 10	<i>4</i> 20	<i>4</i> 30	440	<i>4</i> 50
Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired
100H 100J 100K 100L	10.10.2 10.10.7 10.11.9 10.10.12	127.0.0.0 127.0.0.3 127.0.0.1 127.0.0.2	15 15 15 15	0 0 0 0

FIG. 4C

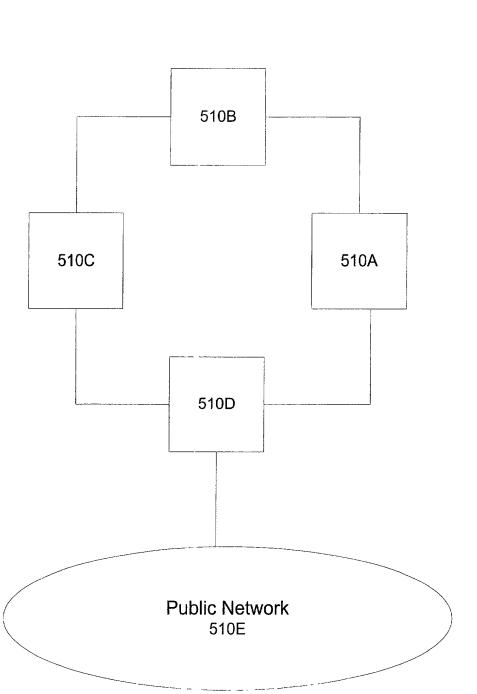


FIG. 5

410	420	430	440	450	
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Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired	600
100H 100I 100J 100K	10.10.2 10.10.3 10.11.7 10.10.9	127.0.0.0 127.0.0.1 127.0.0.2 127.0.0.3	15 15 15 15	0 0 0 0	

FIG. 6A

410	420	430	440	450
Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired
100H 100I 100J 100K	10.10.2 10.10.3 10.11.7 10.10.9	127.0.0.0 127.0.0.1 127.0.0.2 127.0.0.3	15 15 0 0	0 0 1 1

FIG. 6B

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410	420	430	440	450	
Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired	620
100H 100I 100K	10.10.2 10.10.3 10.10.9	127.0.0.0 127.0.0.1 127.0.0.2	15 15 15	0 0 0	

FIG. 6C

410	420	430	440	450

/			/	/
Node	Unique Identifier (MAC Address)	Network Address (IP Address)	Time to Live	Expired
100H	10.10.2	127.0.0.0	15	0
1001	10.10.3	127.0.0.1	15	lo l
100J	10.11.7	127.0.0.2	0	1
100K	10.10.9	127.0.0.3	15	0

FIG. 6D